United States Department of Agriculture

# Agricultural Research Service

**Research Agricultural Engineer– GS-0890-12/13**

$82,830.00 to $128,043.00 Per Year

Announcement Open: January 9, 2023 through February 9, 2023

The USDA, ARS, Cropping Systems and Water Quality Research Unit (CSWQRU) in Columbia, Missouri, is seeking a Research Agricultural Engineer to conduct irrigation research at the Portageville, Missouri work site. The overall mission of the CSWQRU is to develop knowledge and provide technological solutions to optimize agricultural production systems at the sub-field to watershed scale, for both economic and environmental sustainability. The successful applicant will be part of an interdisciplinary team of scientists conducting research to optimize irrigated crop production for humid and sub-humid climates.

Specific research goals of this position are to (1) develop water-saving irrigation techniques applicable to humid and sub-humid environments and evaluate agronomic and environmental impacts, (2) develop and/or evaluate precision irrigation practices that account for variability in soil and environmental conditions, and (3) conduct collaborative research to optimize irrigated production systems and improve crop water productivity. The successful candidate will interact with scientists at local, regional, national, and international levels who are employed by state and federal agencies, universities, and industry. They will plan and conduct field research, analyze, and interpret research data, and present and publish results.

**U.S. Citizenship is required.**

For further information and complete application instructions, go to the posting on the USAJobs web site at https://www.usajobs.gov/GetJob/ViewDetails/698632100. Applications must be received by the closing date of February 9, 2023.

Contacts: Application procedure: Elsa Ayala elsa.ayala@usda.gov 301-504-1369.
Scientific information: Ken Sudduth ken.sudduth@usda.gov 573-882-4090.

**USDA/ARS is an equal opportunity employer and provider**